

DERWENT-ACC-NO: 1981-54561D

DERWENT-WEEK: 198130

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TITLE: Precision liquids micro-dispenser - has casing with
grooves engaging toothed guides in hollow rotating piston
and contactor of main piston

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PRIORITY-DATA: 1973SU-1945443 (July 17, 1973)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 777440 B	December 13, 1980	N/A	000	N/A

INT-CL (IPC): G01F011/00

ABSTRACTED-PUB-NO: SU 777440B

BASIC-ABSTRACT:

The microdispenser, comprises a casing (1) housing a spring-loaded piston (12) with a rod and a contactor (7), and a cap (15).

To increase efficiency, the rod carries a hollow piston 10 with holes in its side and free to rotate, while parts (1, 15) contain channels linking the cavity under piston (10) to the cavity above the liquid and then to the atmosphere.

Pref., the parts (10, 7) have guide toothed elements engaging grooves in the casing. Bul. 41/7.11.80.

TITLE-TERMS: PRECISION LIQUID MICRO DISPENSE CASING GROOVE
ENGAGE TOOTH GUIDE

HOLLOW ROTATING PISTON CONTACT MAIN PISTON

DERWENT-CLASS: J04 S02

CPI-CODES: J04-C01;

EPI-CODES: S02-C04B;